

## TSE X30 v1.6



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**Do not sell this (freeware) product in a bundle or what so ever**

If this product were sold to you, then you have been ripped off!

- This is a audio plugin which is a digital model of a German guitar amp.
- Modeled/Programmed in C++ by ONQEL (John Johansen) with the WDL IPlug framework.

How to use:

- Insert the plugin on a track
- Adjust Input knob to taste.. 12o'clock is no boost/attenuation
- Insert Cab emulation/Impulse after the guitaramp.
- Trafo button simulates the character of a transformator and gives some compression
- Stereo button enables you to run to amp sims in one instance, with full control over both of them at the same time. Use LeCab after (dual impulses)!

Specs:

- 4x internal oversampling
- 1.4->1.8% avarage cpu usage on a Intel Q6600.
- SSE2 extensions

Requirements v1.6:

- VST compatible host (Reaper, Sonar, Cubase etc)
- SSE2 Compatible host

## Version history:

### v1.6

- Updated GUI/Skin
- Updated internal processing library (filters/oversampling routine etc)
- Two different 12AX7 models. The original Sovtek 12AX7 and a new Sylvania 12AX7 model.

### v1.5

- re-modeled basically the whole thing (load lines/response, "analog-equivalent" filters, etc)
- New algorithm for the softclipping/compression part of the triode(12ax7), huge improvement in terms of artifact/ocilation-reduction
- Implemented the exponential response of audiotapers(potentiometer) on Gain/Bass/Treble knobs (instead of using linear response which was wrong:P )
- Improved the Trafo button for a "tighter touch"
- Fixed the 'Contour' button to shift the frequency as it should

### v1.03

- Improvements made on the triode model (grid current)
- Removed/Changed unstable AA-filter
- Rewrote 50% of the filters
- Cpu optimizations, even faster code

### v1.02:

- Added stereo functionality (check description above)
- Recalibration of filters
- Cpu optimizations, 33% faster code

### v1.01:

- Increased plugin output
- New version for non-SSE2 compatible cpu's (SSE2 version is recommended if it's compatible with your cpu)

### -v1.00:

Initial release of the amp

Thanks to :

- LePou
- DaWolf
- Kazrog
- Dandelium, Jauernis, Erkan
- and the testers I might have forgotten! :P

- John / onQel @ TSE Plugins

[www.theserinaexperiment.net](http://www.theserinaexperiment.net)

Andy Sneap forum :

<http://www.ultimatemetal.com/forum/andysneap-151/>